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#13

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/652,345

DATE: 09/18/2001

TIME: 16:04:15

Input Set : A:\01462026.app

Output Set: N:\CRF3\09182001\I652345.raw

3 <110> APPLICANT: Farb, David H
 4 Russek, Shelley
 5 Jang, Ming-Kuei
 6 Gibbs, Terrell
 8 <120> TITLE OF INVENTION: EFFECT OF STEROIDS ON NMDA RECEPTORS DEPENDS ON SUBUNIT
 9 COMPOSITION
 11 <130> FILE REFERENCE: 0146-2026
 13 <140> CURRENT APPLICATION NUMBER: 09/652,345
 C--> 14 <141> CURRENT FILING DATE: 2001-09-04
 16 <150> PRIOR APPLICATION NUMBER: 60/151,802
 17 <151> PRIOR FILING DATE: 1999-08-31
 19 <150> PRIOR APPLICATION NUMBER: 09/378,547
 20 <151> PRIOR FILING DATE: 1999-08-20
 22 <160> NUMBER OF SEQ ID NOS: 6
 24 <170> SOFTWARE: PatentIn Ver. 2.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 101
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Homo sapiens
 31 <400> SEQUENCE: 1
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 33 1 5 10 15
 35 Glu Ala Asn Met Gly Leu Asn Pro Ser Ser Pro Asn Asp Pro Val Thr
 36 20 25 30
 38 Asn Ile Cys Gln Ala Ala Asp Lys Gln Leu Phe Thr Leu Val Glu Trp
 39 35 40 45
 41 Ala Lys Arg Ile Pro His Phe Ser Glu Leu Pro Leu Asp Asp Gln Val
 42 50 55 60
 44 Ile Leu Leu Arg Ala Gly Trp Asn Glu Leu Leu Ile Ala Ser Phe Ser
 45 65 70 75 80
 47 His Arg Ser Ile Ala Val Lys Asp Gly Ile Leu Leu Ala Thr Gly Leu
 48 85 90 95
 50 His Val His Arg Asn
 51 100
 54 <210> SEQ ID NO: 2
 55 <211> LENGTH: 93
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Homo sapiens
 59 <400> SEQUENCE: 2
 60 Leu Cys Gln Leu Gly Lys Tyr Thr Thr Asn Ser Ser Ala Asp His Arg
 61 1 5 10 15
 63 Val Gln Leu Asp Leu Gly Leu Trp Asp Lys Phe Ser Glu Leu Ala Thr
 64 20 25 30
 66 Lys Cys Ile Ile Lys Ile Val Glu Phe Ala Lys Arg Leu Pro Gly Phe
 67 35 40 45
 69 Thr Gly Leu Ser Ile Ala Asp Gln Ile Thr Leu Leu Lys Ala Ala Cys
 70 50 55 60

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72 Leu Asp Ile Leu Met Leu Arg Ile Cys Thr Arg Tyr Thr Pro Glu Gln
73 65              70              75              80
75 Asp Thr Met Thr Phe Ser Asp Gly Leu Thr Leu Asn Arg
76              85              90
79 <210> SEQ ID NO: 3
80 <211> LENGTH: 98
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 3
85 Ile Asn Leu Leu Met Ser Ile Glu Pro Asp Val Ile Tyr Ala Gly His
86 1              5              10              15
88 Asp Asn Thr Lys Pro Asp Thr Ser Ser Ser Leu Leu Thr Ser Leu Asn
89              20              25              30
91 Gln Leu Gly Glu Arg Gln Leu Leu Ser Val Val Lys Trp Ser Lys Ser
92              35              40              45
94 Leu Pro Gly Phe Arg Asn Leu His Ile Asp Asp Gln Ile Thr Leu Ile
95 50              55              60
97 Gln Tyr Ser Trp Met Ser Leu Met Val Phe Gly Leu Gly Trp Arg Ser
98 65              70              75              80
100 Tyr Lys His Val Ser Gly Gln Met Leu Tyr Phe Ala Pro Asp Leu Ile
101              85              90              95
103 Leu Asn
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108 <211> LENGTH: 98
109 <212> TYPE: PRT
110 <213> ORGANISM: Homo sapiens
112 <400> SEQUENCE: 4
113 Val Ser Leu Leu Glu Val Ile Glu Pro Glu Val Leu Tyr Ala Gly Tyr
114 1              5              10              15
116 Asp Ser Ser Val Pro Asp Ser Thr Trp Arg Ile Met Thr Thr Leu Asn
117              20              25              30
119 Met Leu Gly Gly Arg Gln Val Ile Ala Ala Val Lys Trp Ala Lys Ala
120              35              40              45
122 Ile Pro Gly Phe Arg Asn Leu His Leu Asp Asp Gln Met Thr Leu Leu
123 50              55              60
125 Gln Tyr Ser Trp Met Phe Leu Met Ala Phe Ala Leu Gly Trp Arg Ser
126 65              70              75              80
128 Tyr Arg Gln Ser Ser Ala Asn Leu Leu Cys Phe Ala Pro Asp Leu Ile
129              85              90              95
131 Ile Asn
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 97
137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 5
141 Ser Ala Leu Leu Asp Ala Glu Pro Pro Ile Leu Tyr Ser Glu Tyr Asp
142 1              5              10              15
144 Pro Thr Arg Pro Phe Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn
145              20              25              30

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147 Leu Ala Asp Arg Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val
148           35                      40                      45
150 Pro Gly Phe Val Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu
151       50                      55                      60
153 Cys Ala Trp Leu Glu Ile Leu Met Ile Gly Leu Val Trp Arg Ser Met
154   65                      70                      75                      80
156 Glu His Pro Gly Lys Leu Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg
157           85                      90                      95
159 Asn
163 <210> SEQ ID NO: 6
164 <211> LENGTH: 111
165 <212> TYPE: PRT
166 <213> ORGANISM: Homo sapiens
168 <400> SEQUENCE: 6
169 Ile Ile Leu Leu Val Ser Asp Asp His Glu Gly Arg Ala Ala Gln Lys
170   1           5                      10                      15
172 Arg Leu Glu Thr Leu Leu Glu Glu Arg Glu Ser Lys Ala Glu Lys Val
173           20                      25                      30
175 Leu Gln Phe Asp Pro Gly Thr Lys Asn Val Thr Ala Leu Leu Met Glu
176           35                      40                      45
178 Ala Arg Glu Leu Glu Ala Arg Val Ile Ile Leu Ser Ala Ser Glu Asp
179       50                      55                      60
181 Asp Ala Ala Thr Val Tyr Arg Ala Ala Ala Met Leu Asn Met Thr Gly
182   65                      70                      75                      80
184 Ser Gly Tyr Val Trp Leu Val Gly Glu Arg Glu Ile Ser Gly Asn Ala
185           85                      90                      95
187 Leu Arg Tyr Ala Pro Asp Gly Ile Ile Gly Leu Gln Leu Ile Asn
188       100                      105                      110

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VERIFICATION SUMMARY

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date